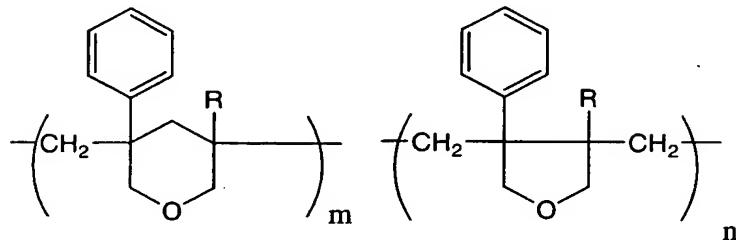


WHAT IS CLAIMED IS:

1. A thermoplastic resin comprising structural units of the following formulas (I) and (II):

5



(I)

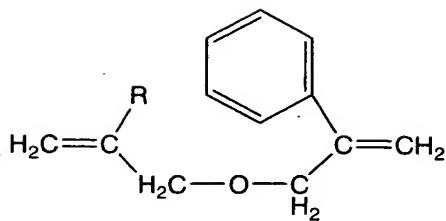
(II)

as repeating units, wherein R represents a hydrogen atom or a hydrocarbon group, and m and n each denote an integer of 0 or 1 or higher, provided that m and n are not 0 at 10 the same time.

2. The thermoplastic resin according to claim 1, wherein R is phenyl.

15 3. The thermoplastic resin according to claim 1, wherein R is hydrogen.

4. A thermoplastic resin obtained by polymerizing a monomer having a structure of the following formula (III):



(III)

wherein R represents a hydrogen atom or a hydrocarbon group.

5. The thermoplastic resin according to claim 4,
5 wherein R is phenyl.

6. The thermoplastic resin according to claim 4,
wherein R is hydrogen.

10 7. The thermoplastic resin according to claim 5 which
has a degree of cyclization of 90% or higher.

8. The thermoplastic resin according to claim 6 which
has a degree of cyclization of 80% or higher.

15

9. The thermoplastic resin according to claim 5 which
has a glass transition temperature (Tg) of 180°C or higher,
but lower than 270°C.

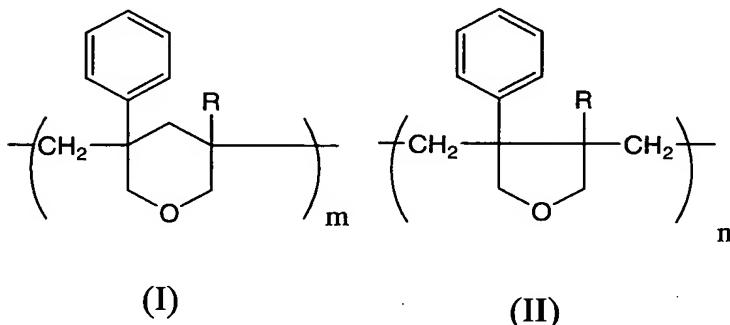
20 10. The thermoplastic resin according to claim 6 which
has a glass transition temperature (Tg) of 100°C or higher,
but lower than 125°C.

11. The thermoplastic resin according to any one of claims 4 to 6 which has a thermal decomposition point of 350° or higher.

5

12. The thermoplastic resin according to any one of claims 4 to 6 which has a moisture content of less than 0.01%.

10 13. A method for producing a thermoplastic resin comprising structural units of the following formulas (I) and (II):

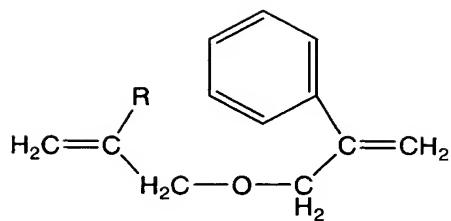


(I)

(II)

15 as repeating units, wherein R represents a hydrogen atom or a hydrocarbon group, and m and n each denote an integer of 0 or 1 or higher, provided that m and n are not 0 at the same time,

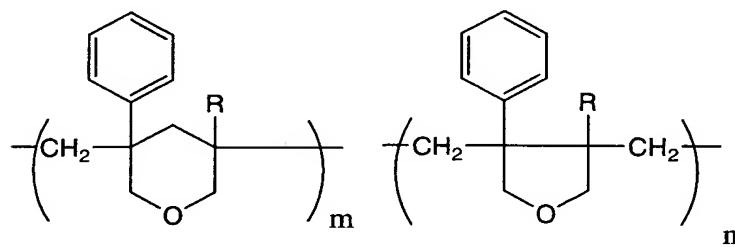
said method comprising polymerizing a monomer having a structure of the following formula (III):



(III)

wherein R represents a hydrogen atom or a hydrocarbon group.

14. A molded article obtained from a thermoplastic resin
5 comprising structural units of the following formulas (I)
and (II):



(I)

(II)

as repeating units, wherein R represents a hydrogen atom or a hydrocarbon group, and m and n each denote an integer of 0 or 1 or higher, provided that m and n are not 0 at the same time.